

# C W1

The construction is classic, 1 × 15" – and the design of the highest quality.

What makes the **C W1** special is, on the one hand the high-capacity long-excursion speaker with 100mm voice coil and fiber-reinforced membrane, and on the other hand, the construction of the waveguide for frequencies in the range of 40Hz: the diameter of the bass-reflex openings is particularly large, which results in a high degree of efficiency and low distortion levels due to minimal losses at the vent openings.

The slim format of the **C W1** makes it especially suitable for applications where little space is available on the stage, or where it must be integrated into a wall niche or a stage-portal.

Two **C W1** stacked on top of each other with a connecting pole (M20) in between provide a stable base for a C 10 and C 12 full-range loudspeaker. Incidentally, the combination of three **C W1** subwoofers -cardioid - as the basis for a C 22 full-range speaker is a dream PA.

Due to its size, several **C W1** can also be used to create an unobtrusive sub array at the front edge of the stage or as an end-fire array to the left and right of the stage.

The recommended controlled amplifiers are KS TA 2D or TA 4D with an F MOD or D MOD digital controller module. They provide the required performance, response correction and safe protection for the speaker. When using two input channels, a mono subwoofer operation of the **C W1** is possible. The low frequency signals of both channels are added and routed via controller to the power stage. The stereo signals are still available for the top parts at the XLR M outputs.

All functions of the DSP controller can be remote-controlled and monitored via Ethernet. The most important parameters can be changed directly on the unit via a rotary knob and display.

The sturdy protective grille extends over the entire front and is largely "invisible" with acoustic foam. A transport protection cover is available as an accessory. The surface has a PU coating that can withstand almost any stress. There are 4 large swivel castors on the back for easy transport.



*High precision bass-reflex*



*One 15" - 65mm long excursion  
4" double layer voicecoil - ND woofer*



*3200W power handling*



*134dB max SPL*



As in all KS AUDIO loudspeakers, the cabinet construction is made of birch multiplex and has a very durable PU coating. M20 threaded stand flange, stacking feet, are further features of this quality product.

## SPECIFICATIONS

Frequency response	38 - 120Hz $\pm 3$ dB 32 - 120Hz $\pm 6$ dB
F MOD / D MOD hi-cut modes	70Hz   100Hz   120Hz
Max. SPL (1m, free field)	134dB
Directivity	Omni directional
Transducers	One long excursion 15" cone 4" voice-coil
Power handling AES RMS/peak	1200W / 2400W
Acoustic principle	Bass-reflex
Nominal impedance	8 $\Omega$
Connectors	Two speakON

## DIMENSIONS AND WEIGHTS

